

Appendix E – Species at Risk

Appendix E: Species at Risk Reported from the Vicinity of the Mud Creek Subwatershed Study Area

Species Name	Status under Ontario <i>Endangered Species Act, 2007</i> ¹	Status under federal <i>Species at Risk Act (SARA)</i> ²	Source	Comments
Bald Eagle Pygargue à tête blanche (<i>Haliaeetus leucocephalus</i>)	Special Concern (Sept. 2009)	None (not at risk nationally)	EcoTec, 2007	Young bird seen foraging over fields in Mahogany Community lands in 2007 (prior to development). Not known to nest in the study area, but may forage / migrate along the Rideau River corridor.
Bank Swallow Hirondelle de rivage (<i>Riparia riparia</i>)	Threatened (June 2014)*	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC ³ in April 2013.	Bird Studies Canada (BSC) 2006 MMM Group, 2014	Colonial nester; burrows in eroding silt or sand banks, sand pit walls, etc. Confirmed nesting in western part of study area during 2001-2005 OBBA ⁴ ; possibly nesting in eastern part of study area. Observed nesting in piles of fill to north of study area in 2013.
Barn Swallow Hirondelle rustique (<i>Hirundo rustica</i>)	Threatened (Jan. 2012)	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in May 2011.	BSC, 2006 City of Ottawa field observations, 2014	Nests on barns and other structures; forages in open areas for flying insects. Confirmed nesting in study area during 2001-2005 OBBA. Observed nesting under Second Line Road South bridge in 2014.
Blanding's Turtle Tortue mouchetée (<i>Emydoidea blandingii</i>)	Threatened*	Threatened (Schedule 1)	Ontario Nature (2015)	Inhabits quiet lakes, streams and wetlands; also frequently occurs in adjacent upland forests. Recently reported from vicinity of western part of study area (pre-1995 records only in eastern part).
Bobolink Goglu des prés (<i>Dolichonyx oryzivorus</i>)	Threatened (Sept. 2010)	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in April 2010.	BSC, 2006 MMM Group, 2014	Nests in hayfields, pastures and old fields with tall grass. Confirmed nesting in study area during 2001-2005 OBBA. Observed in fields to north of study area in 2013.
Butternut Noyer cendré (<i>Juglans cinerea</i>)	Endangered	Endangered (Schedule 1); final recovery strategy issued in 2010.	MMM/WESA, 2006 EcoTec, 2007	Observed in Manotick SDA, Mahogany Community, and expected elsewhere within study area. Endangered due to fungal disease. Habitat (upland woods, hedgerows) not a limiting factor.
Canada Warbler Paruline du Canada (<i>Cardellina canadensis</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010	BSC, 2006	Prefers wet forests with dense shrub layers. One possible nest in eastern part of study area during 2001-2005 OBBA.
Chimney Swift Martinet ramoneur (<i>Chaetura pelagica</i>)	Threatened (Sept. 2009)	Threatened (Schedule 1)		Nests in traditional-style open brick chimneys (and rarely in hollow trees). Suitable habitat present in study area (e.g., older parts of the Village of Manotick).
Common Nighthawk Engoulevent d'Amérique (<i>Chordeiles minor</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010	BSC, 2006	Nests in wide variety of open sites, including beaches, fields and gravel rooftops. One possible nest in western part of study area during 2001-2005 OBBA.

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Eastern Meadowlark Sturnelle des prés (<i>Sturnella magna</i>)	Threatened (Jan. 2012)	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in May 2011.	BSC, 2006 EcoTec, 2007	Nests in hayfields, pastures and old fields with tall grass. Confirmed nesting in study area during 2001-2005 OBBA. Observed in fields on Mahogany Community lands in 2007.
Eastern Musk Turtle / Stinkpot Tortue musquée (<i>Sternotherus odoratus</i>)	Special Concern (June 2014)	Threatened (Schedule 1); downlisted to Special Concern by COSEWIC Nov. 2012	Ontario Nature (2015)	Secretive wetland species; highly aquatic. Pre-1995 records from eastern part of study area.
Eastern Wood-pewee Pioui de l'Est (<i>Contopus virens</i>)	Special Concern (June 2014)	Under consideration for addition to Schedule 1; listed as special concern by COSEWIC in November 2012.	BSC, 2006 EcoTec, 2007 MMM Group, 2014	Woodland species, often found near clearings and edges. Confirmed nesting in study area during 2001-2005 OBBA. Observed in Manotick Drumlin Woods in 2007 and in woods to the north of the study area in 2013.
Grasshopper Sparrow Bruant sauterelle (<i>Ammodramus savannarum</i>)	Special Concern (March 2015)	Under consideration for addition to Schedule 1; listed as special concern by COSEWIC in November 2013.	BSC, 2006 EcoTec, 2007	Area-sensitive grassland species; nests on ground. Confirmed nesting in eastern part of study area in 2001-2005 OBBA. Possible sighting (unconfirmed) during Henslow's sparrow survey on Mahogany Community lands in 2007.
Henslow's Sparrow Bruant de Henslow (<i>Ammodramus henslowii</i>)	Endangered (status reconfirmed in June 2011)	Endangered (Schedule 1); reconfirmed in May 2011.	NHIC ⁵ , 2014 EcoTec, 2007	Historical record in vicinity of study area. Prefers open, moist tallgrass fields. Possible sighting (unconfirmed) during species-specific survey on Mahogany Community lands in 2007.
Little Brown Myotis (bat) Petite chauve-souris brune (<i>Myotis lucifugus</i>)	Endangered as of January 2013*	Endangered (Schedule 1) as of December 2014	Dobbyn, 1994	Maternal colonies known to use buildings; may also roost in trees during summer. Colonies overwinter in caves and abandoned mines. Reported from eastern part of study area.
Monarch butterfly Monarque (<i>Danaus plexippus</i>)	Special Concern (reconfirmed March 2010)	Special Concern (Schedule 1)	EcoTec, 2007	Risk factors include threats to colonial wintering sites in Mexico, pest control (insecticides and weed control of host milkweed) and threats to migration staging areas.
Olive-sided Flycatcher Moucherolle à côtés olive (<i>Contopus cooperi</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010.	BSC, 2006	Forest edge species; forages in open areas from high vantage points in trees. One possible nest in eastern part of study area during 2001-2005 OBBA.
Snapping Turtle Tortue serpentine (<i>Chelydra serpentina</i>)	Special Concern (Sept. 2009)	Special Concern (Schedule 1) as of February 2011	Ontario Nature (2015)	Highly aquatic species found in a wide variety of wetlands, water bodies and watercourses. Observed in Mud Creek at Century Road East in

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			City of Ottawa field observations, 2014	2014; successful nesting documented by local resident along Lockmaster Crescent in 2014.
Wood Thrush Grive des bois (<i>Hylocichla mustelina</i>)	Special Concern (June 2014)	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in November 2012	BSC, 2006 EcoTec, 2007	Deciduous or mixed woodlands. Confirmed nesting in study area during 2001-2005 OBBA. Observed in Manotick Drumlin Woods and other woodlots on Mahogany Community lands in 2007.

“**” Indicates a species that is subject to the transition regulations under the Endangered Species Act, 2007 (i.e., species which were listed for the first time when the Act was adopted in 2007, but which did not receive habitat protection until June 30, 2013; or species which were listed for the first time in January 2013 or later, unless specifically excluded from transitional status).

Notes:

1. Under the ESA 2007, endangered and threatened species and their habitat are protected. The MNR is responsible for developing regulations for each species to identify areas or types of habitat to be protected. In the absence of specific habitat regulations, the habitat features on which members of the species currently depend are protected as general habitat for the species.
2. SARA provisions only apply to species listed on Schedule 1 (Schedules 2 and 3 list species awaiting reassessment by COSEWIC, which will then be promoted to Schedule 1 if they are determined to still be at risk). Endangered and threatened species on Schedule 1, and their residences, are protected. This protection only extends to species under federal jurisdiction, such as migratory birds or aquatic species, or to species occurring on federal lands such as the NCC Greenbelt.
3. COSEWIC = Committee on the Status of Endangered Wildlife in Canada.
4. OBBA = Ontario Breeding Bird Atlas. The Atlas is a multi-year survey undertaken by trained volunteers across Ontario to determine the distribution of breeding birds in the province. The most recent Atlas survey was undertaken in 2001-2005 (BSC, 2006).
5. NHIC = Natural Heritage Information Centre, the provincial repository for rare species occurrence data and other natural heritage information.